



A

TECHNICAL REPORT ON

STUDENT INDUSTRIAL WORK EXPERIENCE SCHEME (SIWES) REPORT

UNDERTAKEN AT

24 HOURS ELECTRICAL SERVICES 8 MULTIBIZ

PRESENTED BY

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SUBMITTED TO:

THE SIWES CORDINATOR

DEPARTMENT OF BUSINESS ADMINISTRATION,

KWARA STATE POLYTECHNIC, ILORIN KWARA STATE

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CERTIFICATION

This SIWES report is cordially acknowledged and certified by the following dignitaries

TABLE CONTENTS

Front Page

Certificate Page

CHAPTER ONE

Introduction to SIWES

Brief History of SIWES

Importance and objectives of SIWES

CHAPTER TWO

Brief History of 24 Hours Electrical Services 8 Multibiz

CHAPTER THREE

Technical Training Experience

CHAPTER FOUR

Recommendation

CHAPTER FIVE

Conclusion

References

ACKNOWLEDGEMENT

I thank Almighty God for all glory, honor and adoration, for mercy received during the period of my studies and when undergoing my industrial training.

My appreciation goes to my parent **Mr. & Mrs. Muhammed** for their love and efforts as well as sponsorship to my current success and entire wellbeing.

CHAPTER ONE

INTRODUCTION

SIWES is an acronym of student industrial work experience scheme. SIWES is an effective instrument used for exposing student to the realities of the work environment in Nigeria, especially and the world in general, in their various profession so as to achieve the needed technological advance for the nation.

SOME OF THE AIM OF SIWES ARE:

1. To provide for the student opportunities to be involved in the practical aspect of their respective disciplines. This bridging the gap between the practical aspect taught in the class and the real world situation
2. To expose student to latest development or technological innovation in their chosen profession
3. To prepare students for industrial working environment they are likely to meet after graduation

BRIEF HISTORY OF SIWES

The student industrial work experience scheme (**SIWES**) is skill training program designed to expose and prepare student of universities, polytechnic college of technology and others for the industrial work experience they are likely to meet after graduation.

the scheme also afford student of opportunity of familiarizing and exposing themselves to the needed experience in handling equipment and machineries that are usually not available to their institution, the Industrial Training Fund(ITF) funded the scheme during its formative year in 1973/74 but as the financial

involvement became unbearable fund withdraw from the scheme in 1978. The federal government handed over the scheme in 1979 to both the National Universities Commission (**NUC**) and the national board for technical education (**NBTE**) later, the federal government in November 1984 revert the management and the implementation of the SIWES program to (**ITF**) and it was effectively taken over by the industrial training fund in July 1985 with the funding being solely borne by the federal government.

IMPORTANCE AND OBJECTIVE OF SIWES

In regards to the SIWES handbook, the specific objectives and importance of the SIWES are to:

1. Provide an avenue for student institution of higher learning to acquire industrial skills and experience in their course of study
2. Prepare student for the industrial work experience they are to undergo after graduation.
3. Provide student with an opportunity to apply their knowledge real work situation there by bridging the gap between theory and practical
4. To satisfy accreditation requirement set by NBTE
5. To provide student an opportunity to see the real world of their discipline and consequently bridge the gap between the classroom and real work situation
6. To enable student asses interest suitable for their chosen profession

CHAPTER TWO

BRIEF HISTORY OF 24 HOURS ELECTRICAL SERVICES 8 MULTIBIZ

24 Hours Electrical Services 8 Multibiz K9 Old Jebba Road, Kwara Polygate Ilorin Beside D'Choice Bakery

CHAPTER THREE

TECHNICAL TRAINING EXPERIENCE

WEEK 1

Introduction to the coworkers and presentation of well-being

Instruction On Coordination Of Various Part Of The Job And In The Business By The Employer

Construction on how and where to get various types of electrical installation and configuration in all parts of the state

Learn learned about the different types of electrical installation carried out by the company.

Coordination of various electrical into particular symbols for sale for customers to make their preference for goods.

WEEK 2

Activity :assisted in preparing invoice and managing customer payment

Learning experience: learn basic accounting principle and cash handling process

Develop understanding of financial transaction and customer service

Observe and assist in electrical wiring and installation tasks

Gain and on experience with electrical systems and safety precautions

Improve problems solving skills and attention to details

Participated in inventory management stock checking and ordering

Understood the importance of inventory control and supply chain management

Develop organizational skill and attention to details

Assisted in receiving and processing customer's request for electrical repairs

Develop communication skills and understand customer service principles

Improved active learning and conflict resolution skills.

Reviewed safety protocols and procedure with supervisor reinforced understanding of workplace and safety and emergency procedure developed awareness of potential hazard and risk management



Electrical Wire

WEEK 3

Clearing Of Surrounding And Rearranging Of Stock

Supplying of stock to one of the customers at ara area

Assisted in trouble shooting simple electrical fault under supervision

Gain the experience in identifying faulty wiring and components

Observation and learning developed and basic understanding of our electrical circuit works



Electrical System

WEEK 4

Observe the installation of electrical system in residential buildings

Assisted in running and securing electrical cables in wires and ceilings

Learned about different types of electrical conduct and the applications

Gained experience in running and securing electrical cables

Developed and understanding of the importance of proper cable management for installation techniques

WEEK 5

Participated in a product involving the installation of an electrical system in a new house

Assisted in installing lighting fix tapes ceiling fan and other electrical appliance

Learning applied the wiring skills lend in a real world product

Developed team work and communication skills while working with other technicians

Gained a better understanding of following wiring diagrams and complying with electrical codes

WEEK 6

Learn About the Installation of Electrical Parts and Distribution Boards

Assisted in connecting breakers and wiring circuit in the panels

Gained experience in working with electrical panels and understanding their functions

Develop skills in connecting breakers and wiring circuit within an electrical panel

Gained and understanding of the different type of breakers and their applications.



Electrical Panel

WEEK 7

Assisted in the installation of a house electrical system in a small commercial building

Learned about the different wiring equipment for commercial spaces

Gained experience in installing power outlet lighting fixture and security system

Learned about the importance of safety regulation and building code for commercial installations

Develop skills in connecting security system and other specialized commercial equipment.

WEEK 8

Participated in a training section and electrical safety practice and first aids

Learn about property proper procedure for working with electricity including a use of personal protective

Develop skills in providing basic first aid in case of electrical accident

Conducted the final presentation summarizing my learning experience and accomplishment during the apprenticeship

Present a product based on the knowledge and skills gained during the training.

CHAPTER FOUR

RECOMMENDATION

Going through some of the experience gained during the programme I recommend that there is need for improvement on some of the activities both in the media organization where I served and the school.

1. The time deviation for the programme should be extended for more than a month.
2. Media organization should create more practical knowledge for the students for them to acquire more knowledge from their versatile staffs.

CHAPTER FIVE

CONCLUSION

SIWES was established to provide opportunities for student to be involved in the practical aspect of their respective discipline in the industrial working environment. During my 4 month industrial training I gained a wide range of experience for the various assignments undertaken such as programme production and presentation, programme recording and editing process. All the experience gained helped to fulfill the objectives of SIWES.

REFERENCE

New Oxford Dictionary (Reversed Edition)

Website page:info@24 Hours Electrical Services 8 Multibiz